



US Army Corps
of Engineers
Seattle District



US Army Corps of Engineers
Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone (206) 764-6912
Attn: Rebecca McAndrew, Project Manager

WA Department of Ecology
SEA Program
300 Desmond Drive Southeast
Olympia, WA 98503-7600
Telephone (360) 407-7053
Attn: Kerry Carroll, Permit Manager

Public Notice Date: May 1, 2007
Expiration Date: May 30, 2007
Reference No.: NWS-2007-29-SOD
Name: WA State Dept. of Transportation
SR 900: 78th Vicinity to Newport Way

Joint Public Notice

Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the United States as described below and shown on the enclosed drawings.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA). Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

APPLICANT: Washington State Dept. of Transportation
Mr. Ben Brown
Post Office Box 330310
Mail Stop NB82-138
Seattle, Washington 98133-9710
Telephone: (206) 440-4528

LOCATION: In wetlands, five tributaries to Tibbetts Creek, West Fork Tibbetts Creek, Tibbetts Creek, and a tributary to Issaquah Creek at City of Issaquah and King County, Washington.

WORK: The proposed project would widen one mile of State Route (SR) 900 from two to five lanes between Newport Way and SE 83rd Place and add a right turn pocket on the Interstate 90 (I-90) westbound off-ramp to SR 900. The work would fill 0.72 acre of six wetlands within the project corridor. The wetland impact includes converting 0.06 acre to stream. The wetland impacts are to shrub and emergent habitat, with the majority of the wetland impacts occurring to emergent habitat. Category II impacts are 0.03 acre, while Category III impacts total 0.69 acre. Temporary wetland impacts totaling 0.35 acre for construction access would be restored following construction. Three box culverts would be installed and four culverts lengthened. Permanent stream impacts are 0.044 acre (265 linear feet) and temporary stream impacts that are primarily due to stream restoration activities include 0.169 acre (756 linear feet). The two lengthened box culverts account for 0.027 acre permanent stream impact and the culvert lengthening 0.017 acre permanent stream impact. Permanent buffer impacts total 1.53 acres and temporary buffer impacts are 0.48 acre. The majority of the buffer impacts are to herbaceous vegetation, but a portion of the West Fork Tibbetts Creek, North Tributary, and Tibbetts Creek buffer impacts are forested. If issued, this permit would be valid for five years.

PURPOSE: The purpose of the project is to improve safety and accommodate existing and projected traffic volumes.

ADDITIONAL INFORMATION – The principle functions provided by the impacted wetlands include flood storage, water quality improvement, erosion control and shoreline stabilization, organic matter production and export, general habitat suitability, and general fish habitat. Other impacted functions include amphibian habitat, aquatic invertebrate habitat, and native plant richness.

MITIGATION: WSDOT minimized impacts to wetlands and streams by steepening side slopes and exchanging stormwater treatment areas between new and existing impervious to move the location of a stormwater facility out of wetlands. This avoided 1.15 acres of wetland impact and 126 linear feet of stream impact. To compensate for the permanent loss of 0.72 acre of wetlands, WSDOT would create and enhance around 1.10 acre of wetland and 0.29 acre (400 linear feet) of a tributary to Issaquah Creek. The proposed mitigation site is located within Lake Sammamish State Park, just north of the project corridor.

The proposed mitigation would expand and enhance an existing riverine wetland from existing herbaceous upland. The mitigation site would improve the flood storage, general habitat suitability, general fish habitat, amphibian habitat, aquatic invertebrate habitat, and native plant richness functions compared to the impacted functions. The same level of erosion control and shoreline stabilization and organic matter production and export would be provided. By removing the reed canarygrass choking the stream channel, there would be a decrease in the water quality improvement functions. The water quality improvement functions impacted in the project corridor would be replaced by the proposed stormwater features. All of impacted functions would be mitigated for either at the mitigation site or within the project corridor.

The proposed plant community would consist of scrub-shrub wetland vegetation. The mitigation site would also have an average 75-foot wide buffer along the north and west boundaries. WSDOT would also plant a 50-foot buffer along Issaquah Creek. The east side would not be planted but remain grass per the Lake Sammamish State Park's request.

To compensate for the permanent loss of 0.044 acre of stream, WSDOT would mitigate at two locations. At the first site, WSDOT would replace the Clay Pit Creek culvert, passable by fish only 30 percent of the time, with a 100 percent fish passable culvert. At Tributary B, 0.06 acre or 240 linear feet of stream channel would be created, large woody debris added, and 0.20 acre of the adjacent wetland enhanced.

Stormwater treatment would provide water quality and quantity treatment in an area currently without treatment. This would improve water quality and relieve flooding in Tibbetts Creek. The project is designed to comply with the Washington State Department of Transportation Highway Runoff Manual (2006), which has been approved for use by the Washington State Department of Ecology.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat.

WSDOT, as the designated lead agency for ESA consultation, has consulted with the NMFS and the USFWS as required under Section 7 of the ESA. The Corps agrees with their determination that the project may affect, not likely to adversely affect listed species and their designated critical habitat. Concurrence was issued on April 7, 2006, by the NMFS and April 28, 2006, by the USFWS.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or

proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area.

WSDOT, as the designated lead agency for a determination regarding EFH, has consulted with the NMFS. The Corps agrees with their determination that the project will not adversely affect EFH species. Concurrence was issued on April 7, 2006.

CULTURAL RESOURCES: The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. An historic properties investigation has been conducted within the permit area. No sites determined eligible for or listed on the National Register of Historic Places were found to exist within the permit area. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area. This public notice initiates consultation under Section 106 of the National Historic Preservation Act with any Tribe that has information or concerns with historic properties in the proposed permit area.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION – CORPS - The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternative analysis for any proposed discharge of dredged or fill material into waters of the United States.

EVALUATION—ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project. This project is exempt from obtaining a Shorelines Substantial Development permit.

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

Corps comments: All e-mail comments should be sent to rebecca.e.mcandrew@usace.army.mil. Conventional mail comments should be sent to U.S. Army Corps of Engineers, Regulatory Branch, Attn: Ms. Rebecca McAndrew, Post Office Box 3755, Seattle, Washington 98124-3755.

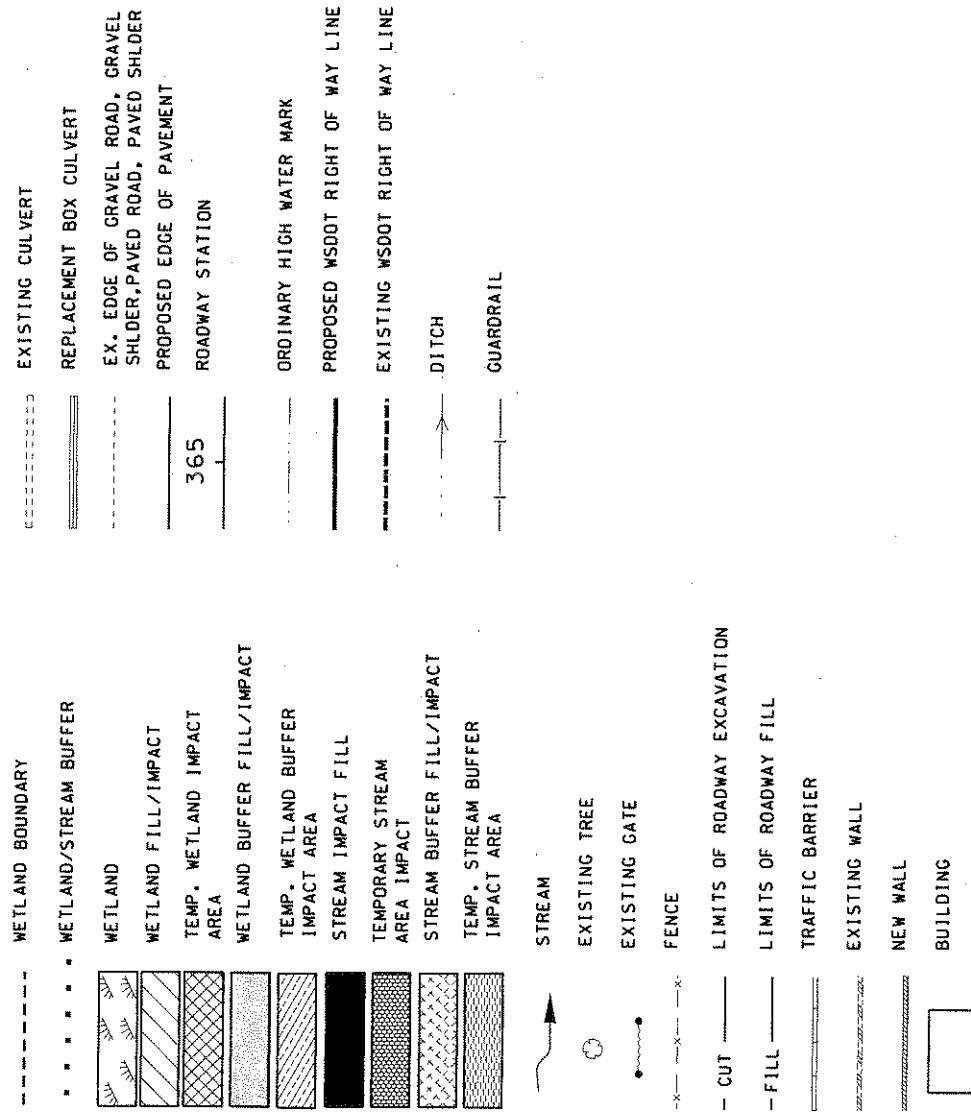
Ecology Comments: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA, may do so by submitting written comments to the following address: Department of Ecology, Attn: Ms. Kerry Carroll, Post Office Box 47600, Olympia, Washington 98503-7600, or e-mail to kstr461@ecy.wa.gov

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments:

Washington State Dept. of Transportation, NWS-2007-29-SOD

Encl: Figures (19)

LEGEND



INDEX

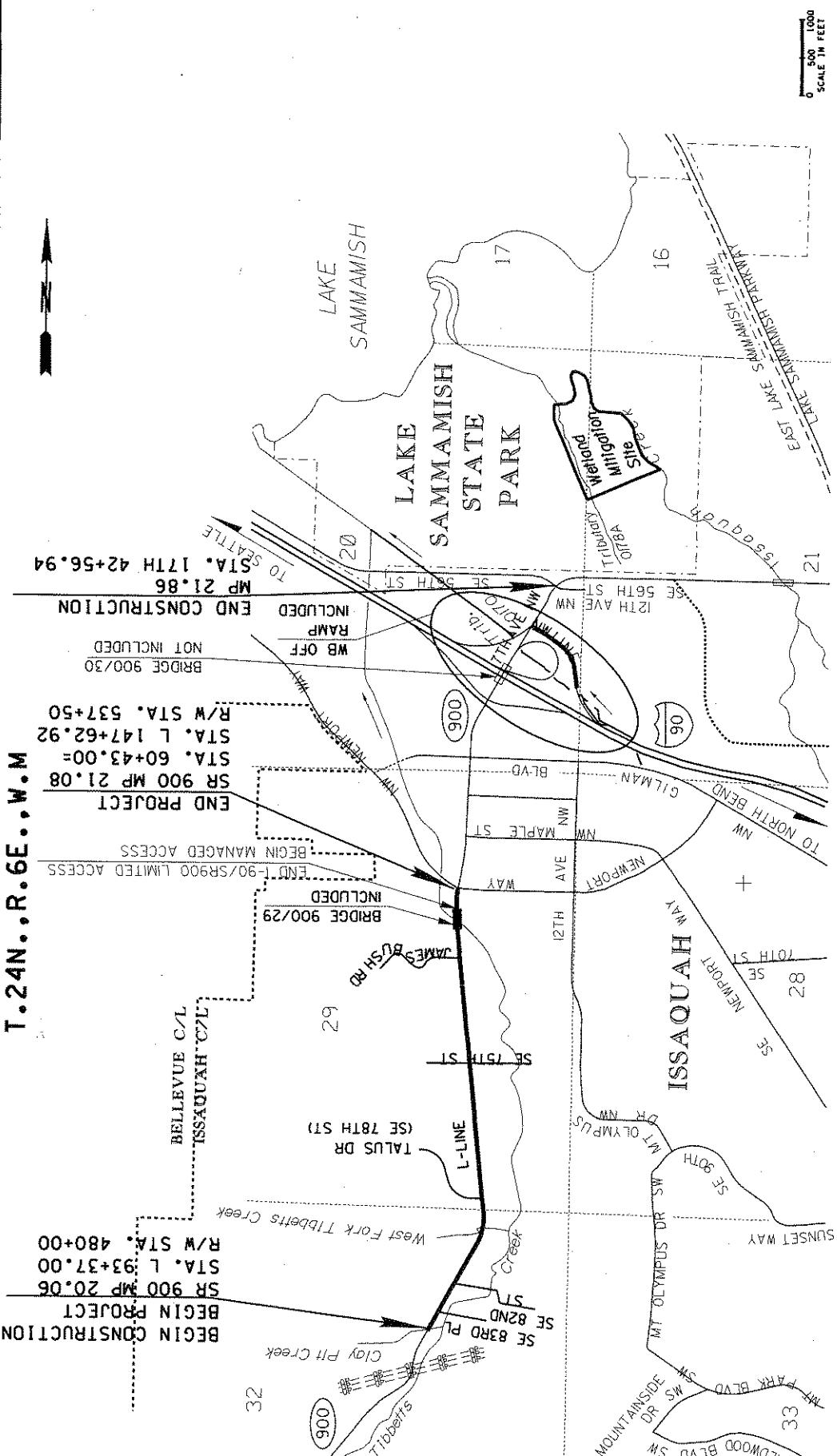
	PLAN REFERENCE NO.	TITLE
	LI 1	LEGEND/INDEX
	VIC 1	VICINITY MAP
	KEY 1	KEY MAP
		PLANS
	1 - 15	ROADWAY IMPACT AREAS AND DETAILS
		MITIGATION & CONCEPTUAL PLANTING PLAN
	M1	WETLAND MITIGATION - LAKE SAMMAMISH STATE PARK

PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW	REFERENCE: NWS-2007-29-SOD
PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY	COUNTY: KING
DATUM: NAVD 88	NEAR: LAKE SAMMAMISH, ISSAQAH
	WATER BODY: TIBBETTS CREEK
	DATE: FEBRUARY 2007



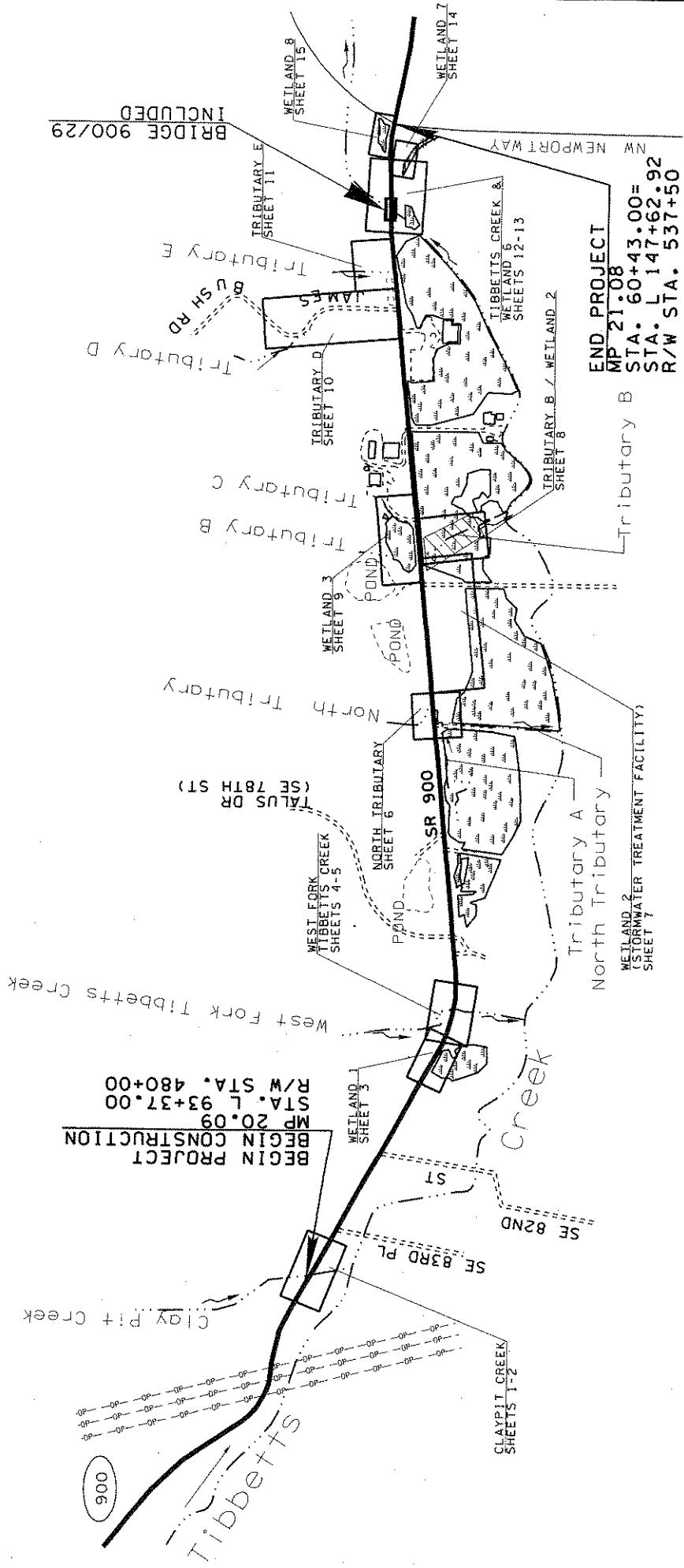
Washington State
Department of Transportation
SHEET L11 OF L11

T.24N., R.6E., W.M.



PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW		REFERENCE: NWS-2007-29-SOD	 Washington State Department of Transportation SHEET VICI OF VICI
PROJECT: SR 900.	SE 78TH ST VIC TO NEWPORT WAY	COUNTY: KING	
DATUM: NAVD 88		NEAR: LAKE SAMMAMISH, ISSAQUAH	
		WATER BODY: TIBBETTS CREEK	
		DATE: FEBRUARY 2007	

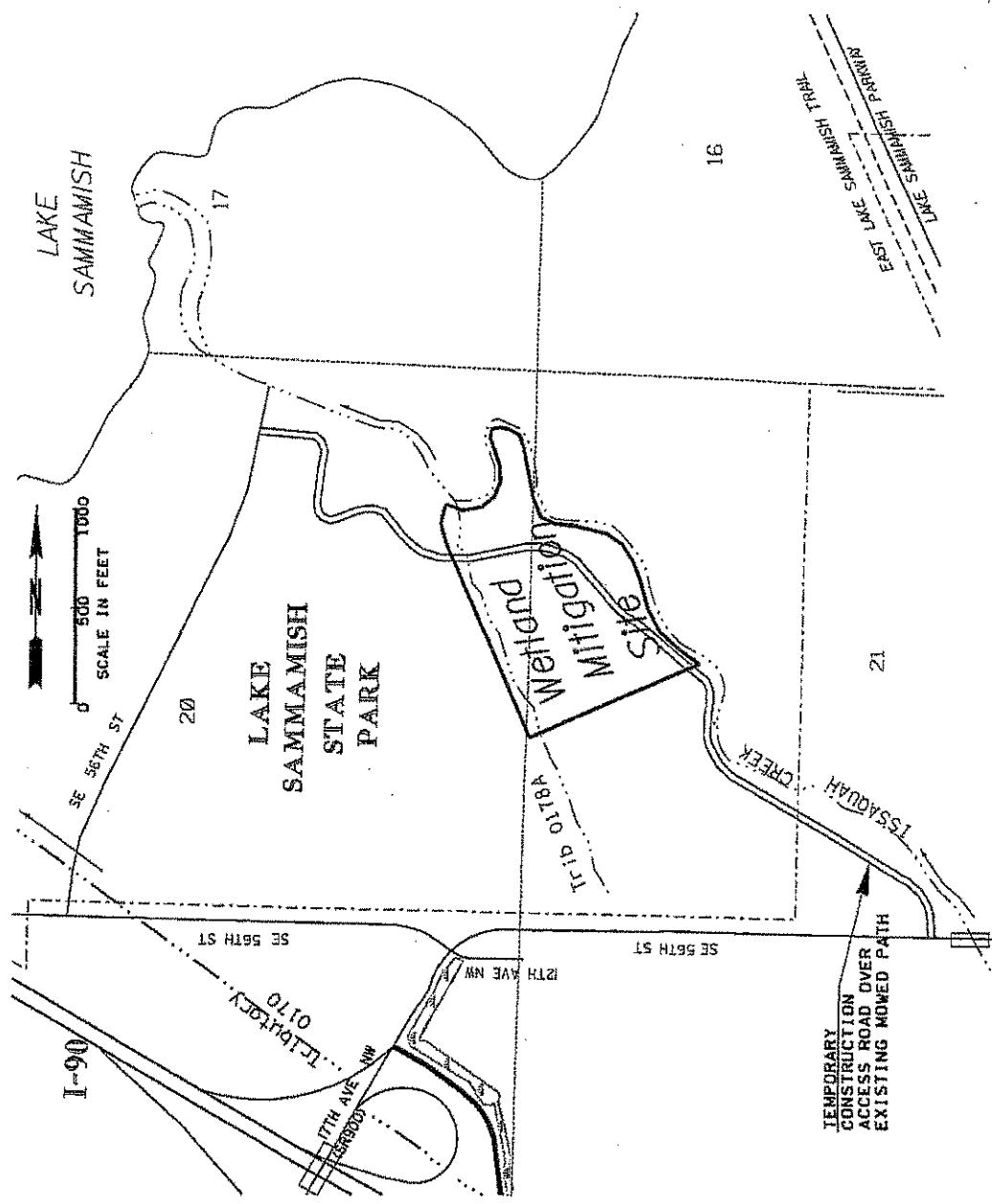
T.24N., R.6E. • W.M.



PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW	REFERENCE: NWS-2007-29-SOD
PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY	COUNTY: KING
DATUM: NAVD 88	NEAR: LAKE SAMMAMISH, ISSAQUAH
	WATER BODY: TIBBETTS CREEK
	DATE: FEBRUARY 2007

 Washington State
 Department of Transportation
 SHEET KEY 1 OF KEY 1

T.24N. R.6E., W.M

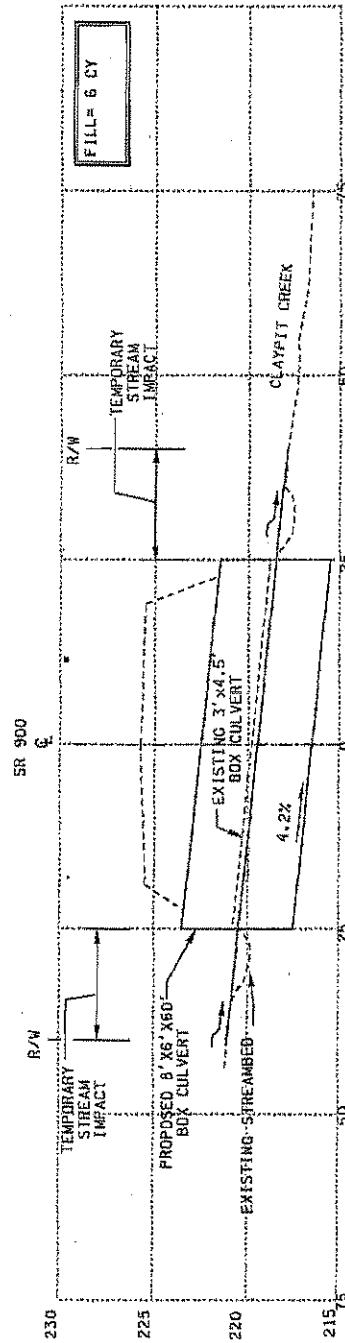
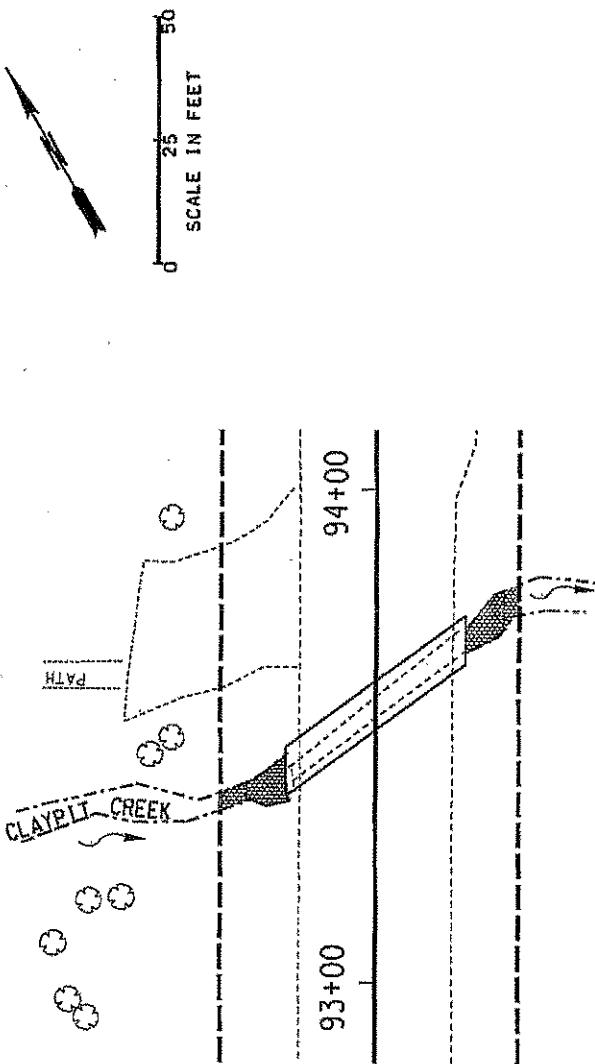


PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW	REFERENCE: NWS-2007-29-SOD
PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY	COUNTY: KING
DATUM: NAVD 88	NEAR: LAKE SAMMAMISH, ISSAQAH
	WATER BODY: TIBBETTS CREEK
	DATE: FEBRUARY 2007



STREAM QUANTITIES			
CLAYPIT CREEK	HATCH	SO. FT. (ACRES)	LINEAR FT.
PERMANENT STREAM IMPACT		0	0
TEMPORARY STREAM IMPACT		192 (0.004)	48.0
PERMANENT STREAM BUFFER IMPACT		0	0
TEMPORARY STREAM BUFFER IMPACT		0	0

*TEMPORARY STREAM IMPACTS FROM RESTORATION



CONCRETE BOX CULVERT - PROFILE

NOTE : FOR LEGEND SEE SHEET L1



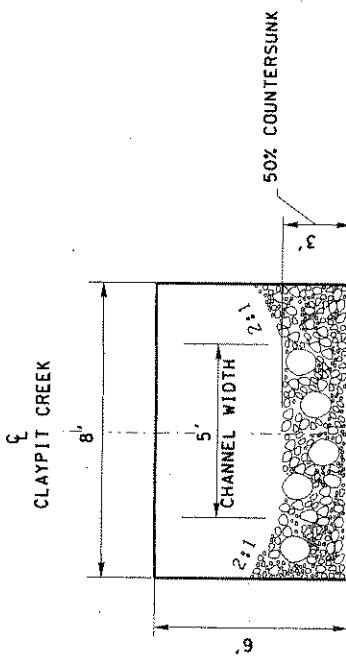
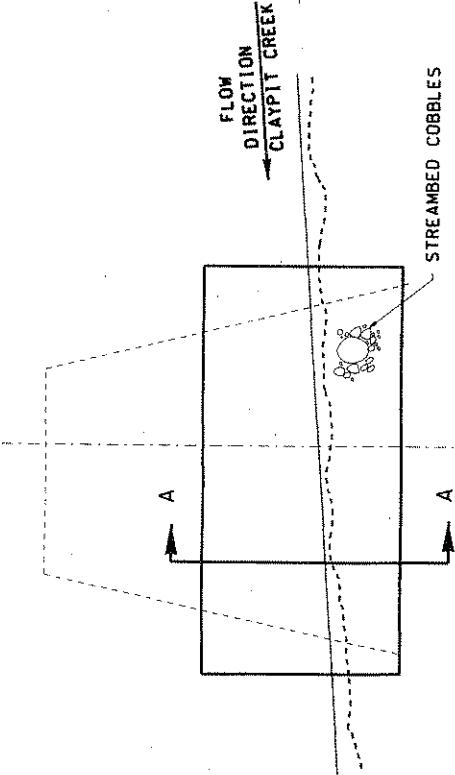
**Washington State
Department of Transportation**

SHEET 1 OF 15

REFERENCE: NWS-2007-29-SOD
COUNTY: KING
NEAR: LAKE SAMMAMISH, IS
WATER BODY * TIBBETTS CREEK
DATE: FEBRUARY 2007

C SR 900
STA. 93+60

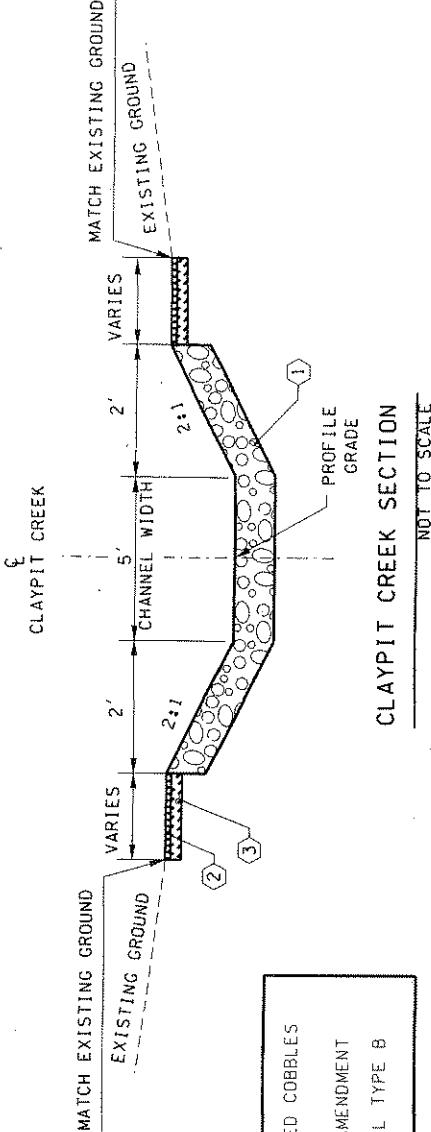
CLAYPIT CREEK



SECTION A-A

CLAYPIT CREEK PROFILE

NOT TO SCALE



REFERENCE: NWS-2007-29-SOD
COUNTY: KING
NEAR: LAKE SAMMAMISH, ISSAQAH
WATER BODY: TIBBETTS CREEK
DATE: FEBRUARY 2007

NOTE: FOR LEGEND SEE SHEET L11

PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW
PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY
DATUM: NAVD 88

REFERENCE: NWS-2007-29-SOD

COUNTY: KING

NEAR: LAKE SAMMAMISH, ISSAQAH

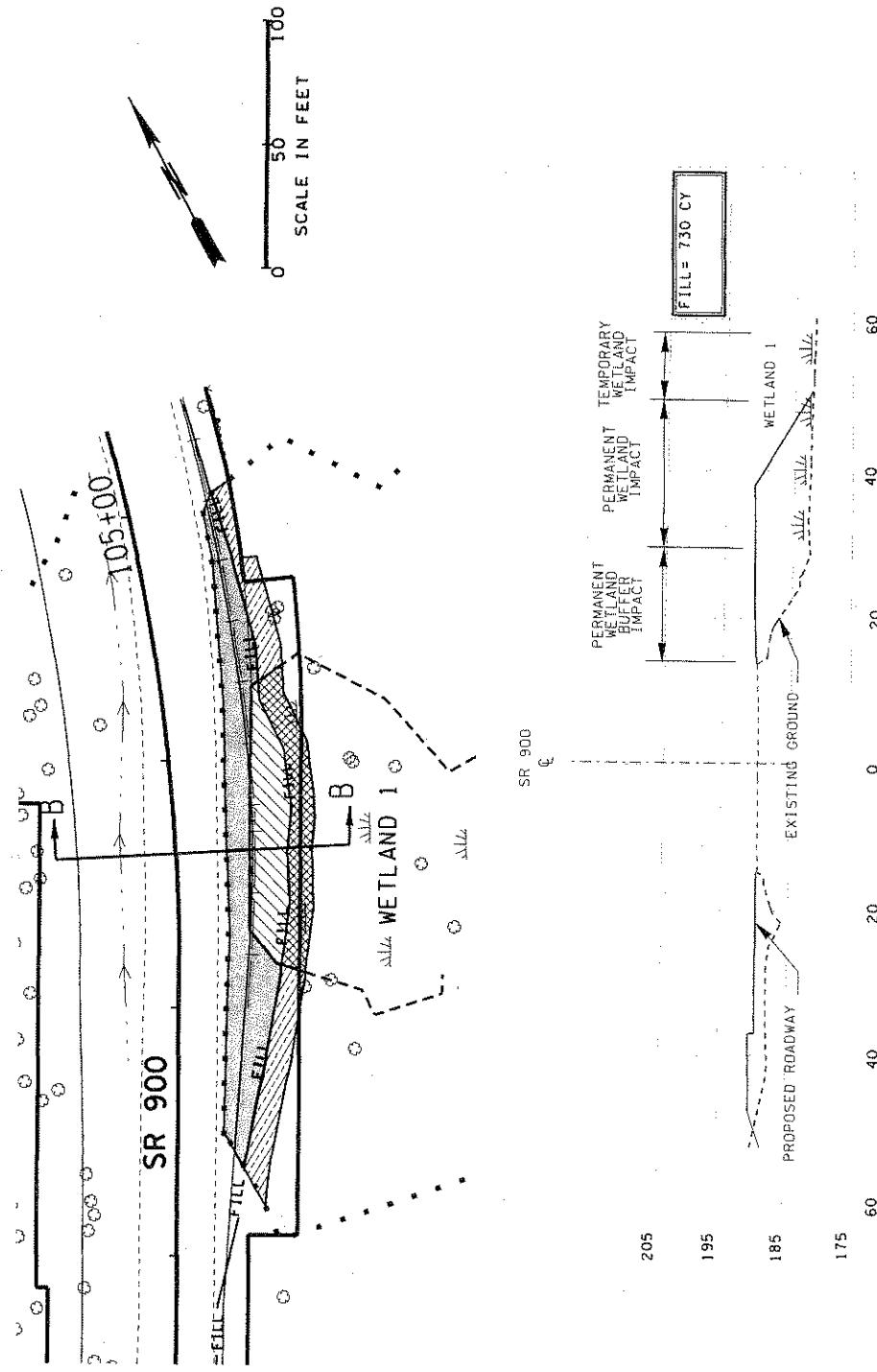
WATER BODY: TIBBETTS CREEK

DATE: FEBRUARY 2007



WETLAND QUANTITIES

WETLAND	#1	HATCH	SO. FT. (ACRES)
DOE CATEGORY	II	ΔΔΔΔ	35,354 (0.81)
WETLAND AREA		ΔΔΔΔ	
PERMANENT WETLAND IMPACT		ΔΔΔΔ	1447 (0.03)
TEMPORARY WETLAND IMPACT		ΔΔΔΔ	1212 (0.03)
PERMANENT WETLAND BUFFER IMPACT		ΔΔΔΔ	3203 (0.07)
TEMPORARY WETLAND BUFFER IMPACT		ΔΔΔΔ	1544 (0.04)



NOTE: FOR LEGEND SEE SHEET WL1.

PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW	REFERENCE: NWS-2007-29-SOD
PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY	COUNTY: KING
DATUM: NAVD 88	NEAR: LAKE SAMMAMISH, ISSAQAH
ADJACENT PROPERTY OWNERS:	WATER BODY: TIBBETTS CREEK
1: STEPHANI LAND CO.; 8020 RENTON-ISSAQAH RD. SE	DATE: FEBRUARY 2007



SHEET 3 OF 15

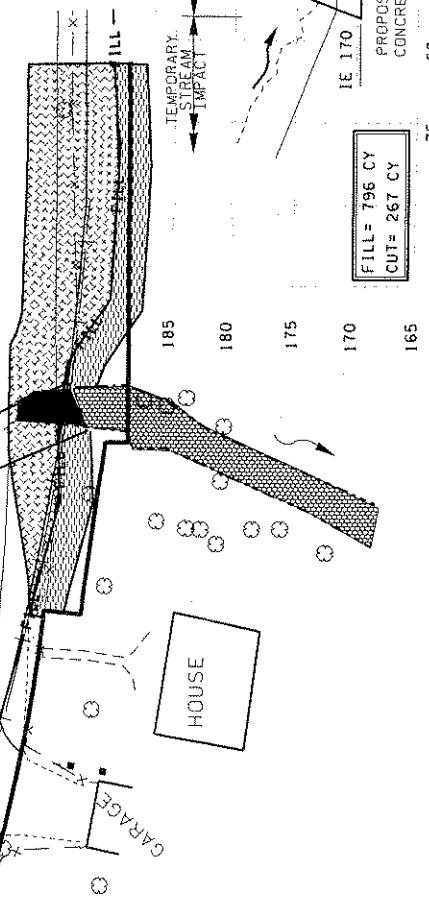
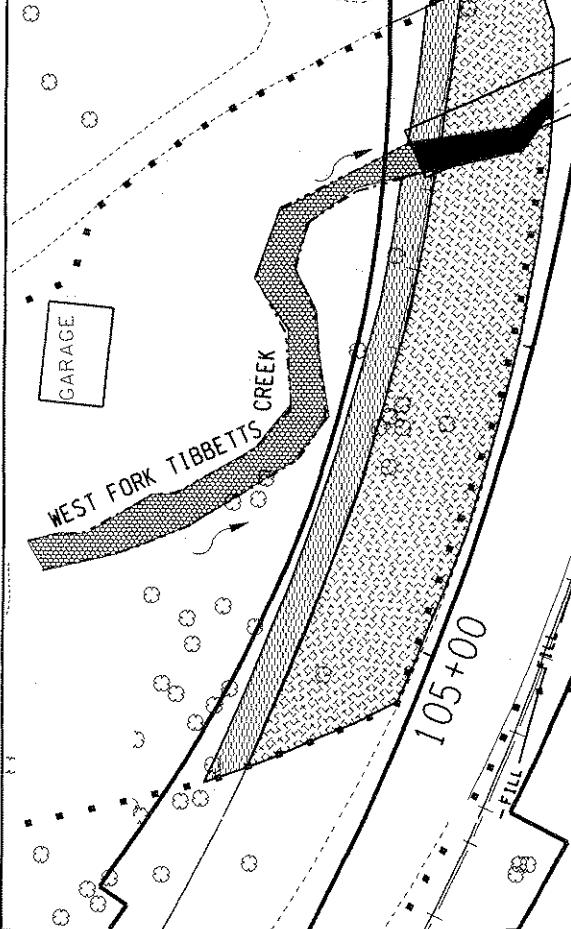
STREAM QUANTITIES

WEST FORK TIBBETTS CREEK	HATCH	SO. FT. (ACRES)	LINEAR FT.
PERMANENT STREAM IMPACT	537 (0.01)	24.0	
*TEMPORARY STREAM IMPACT	5291 (0.12)	624.3	
PERMANENT STREAM BUFFER IMPACT	11,253 (0.26)	0	
TEMPORARY STREAM BUFFER IMPACT	3998 (0.09)	0	

* TEMPORARY STREAM IMPACTS FROM RESTORATION

0 25 50
SCALE IN FEET

SR 900



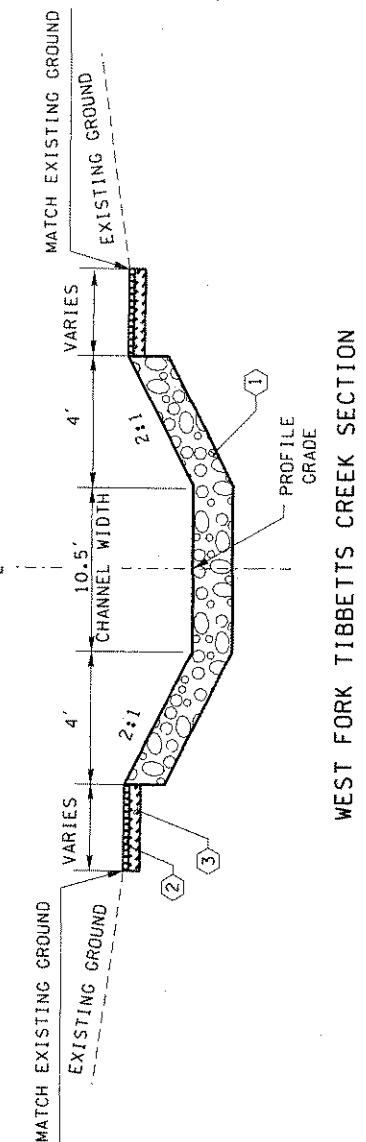
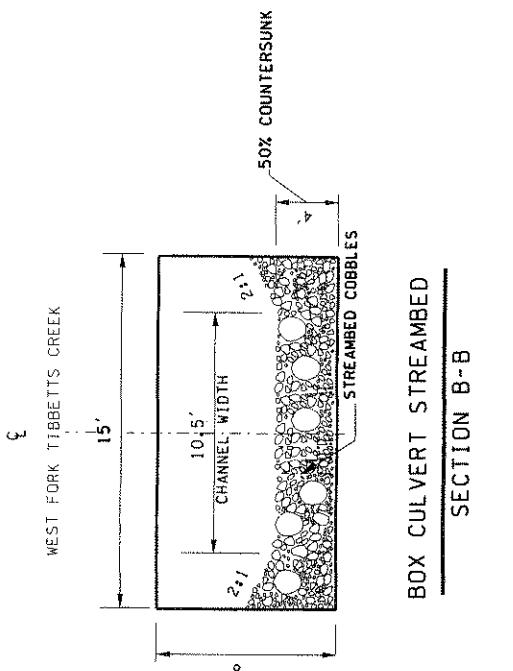
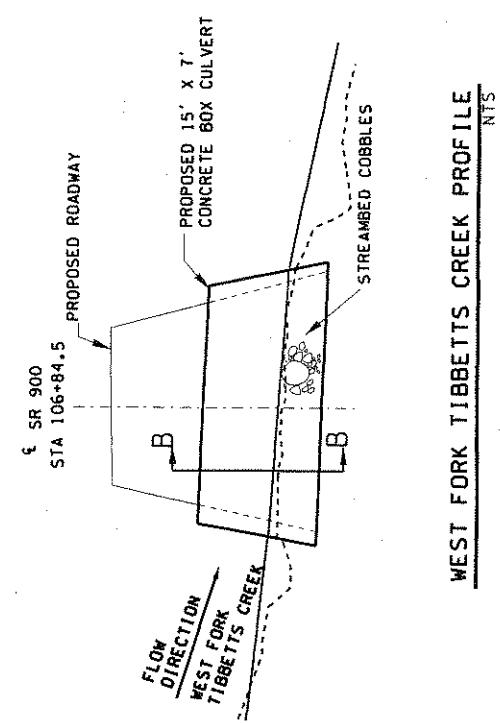
NOTE: FOR LEGEND SEE SHEET L11

PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW
PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY
DATUM: NAVD 88
ADJACENT PROPERTY OWNERS:
1: STEFANILAND & CO.
2: YOUNG JO & JUNG Sook
WATER BODY: TIBBETTS CREEK
DATE: FEBRUARY 2007

REFERENCE: NWS-2007-29-SOD
COUNTY: KING
NEAR: LAKE SAMMAMISH, ISSAQAH
RD.SE

CONCRETE BOX CULVERT - PROFILE
STA. TD 6+84.5





LEGEND		
①	2' DEPTH OF STREAMBED COBBLES FOR WEST FORK TIBBETTS CREEK.	REFERENCE: NWS-2007-29-SOD
②	0.25' DEPTH OF SOIL AMENDMENT	COUNTY: KING
③	0.75' DEPTH OF TOPSOIL TYPE B	NEAR: LAKE SAMMAMISH, ISSAQAH WATER BODY: TIBBETTS CREEK

NOTE: FOR LEGEND SEE SHEET L11

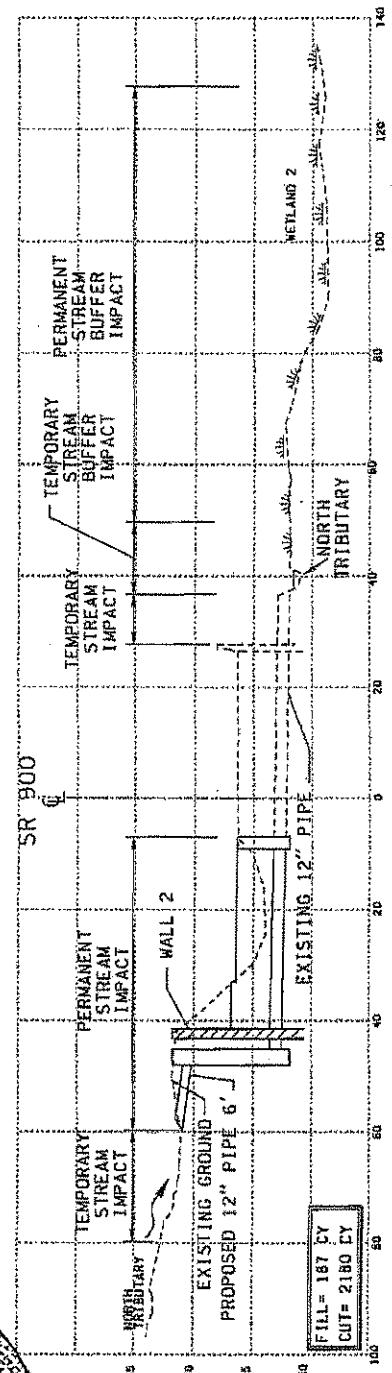
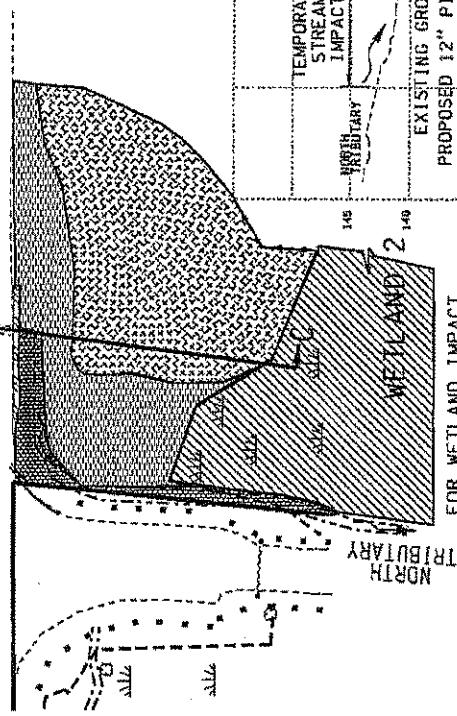
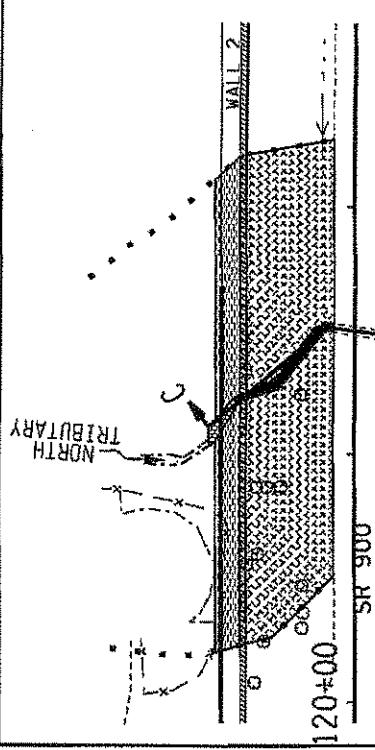
PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW	REFERENCE: NWS-2007-29-SOD
PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY	COUNTY: KING
DATUM: NAVD 88	NEAR: LAKE SAMMAMISH, ISSAQAH WATER BODY: TIBBETTS CREEK
	DATE: FEBRUARY 2007

Washington State
Department of Transportation

SHEET 5 OF 15

STREAM QUANTITIES			
NORTH TRIBUTARY HATCH	SO. FT.	(ACRES)	LINEAR FT.
PERMANENT STREAM IMPACT	171	(0.004)	51.9
TEMPORARY STREAM IMPACT	1313	(0.03)	28.3
PERMANENT STREAM BUFFER IMPACT	15,227	(0.35)	0
TEMPORARY STREAM BUFFER IMPACT	6446	(0.15)	0

0 50 100
SCALE IN FEET



12" CONCRETE PIPE EXTENTION PROFILE

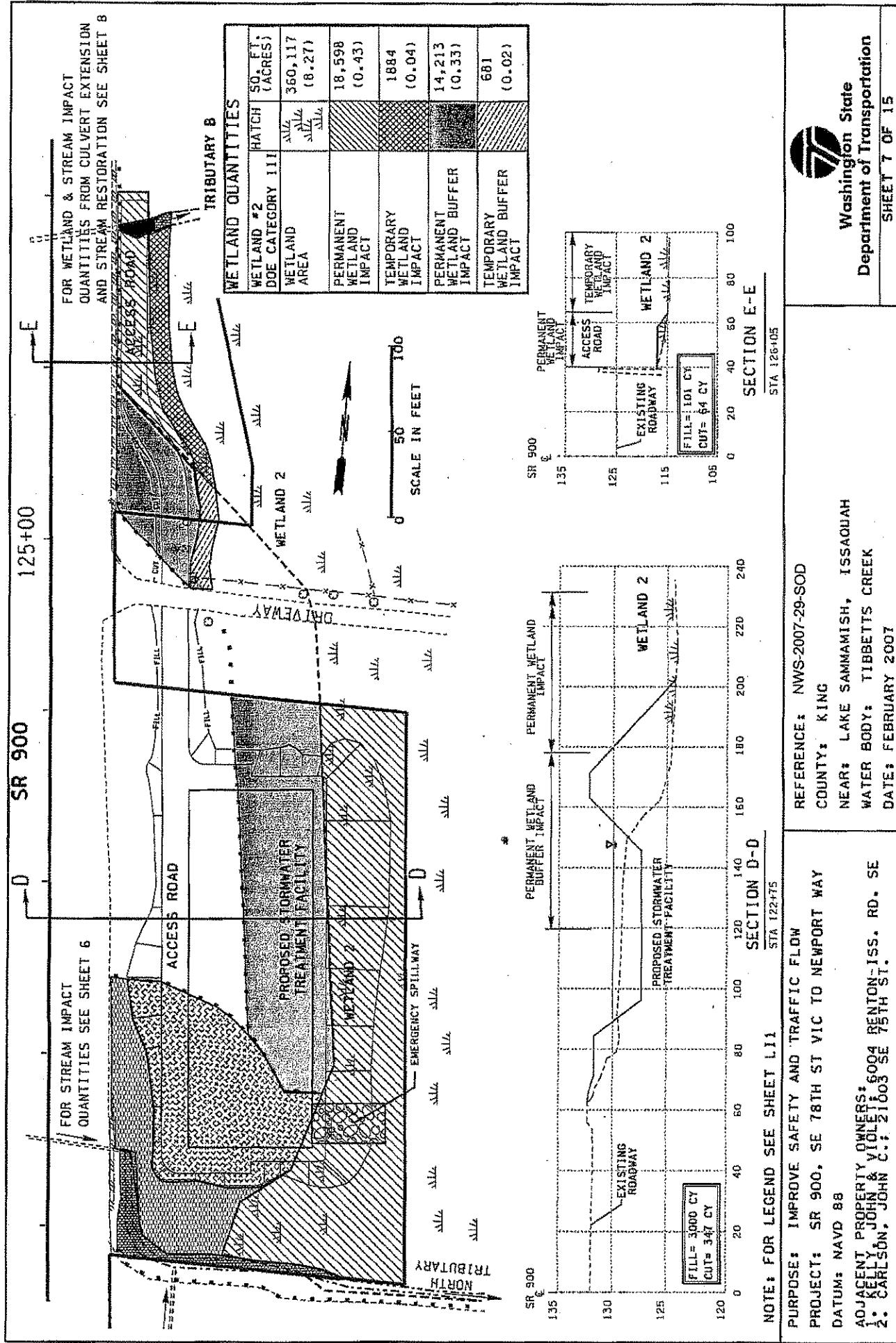
SECTION C-C STA 121+50

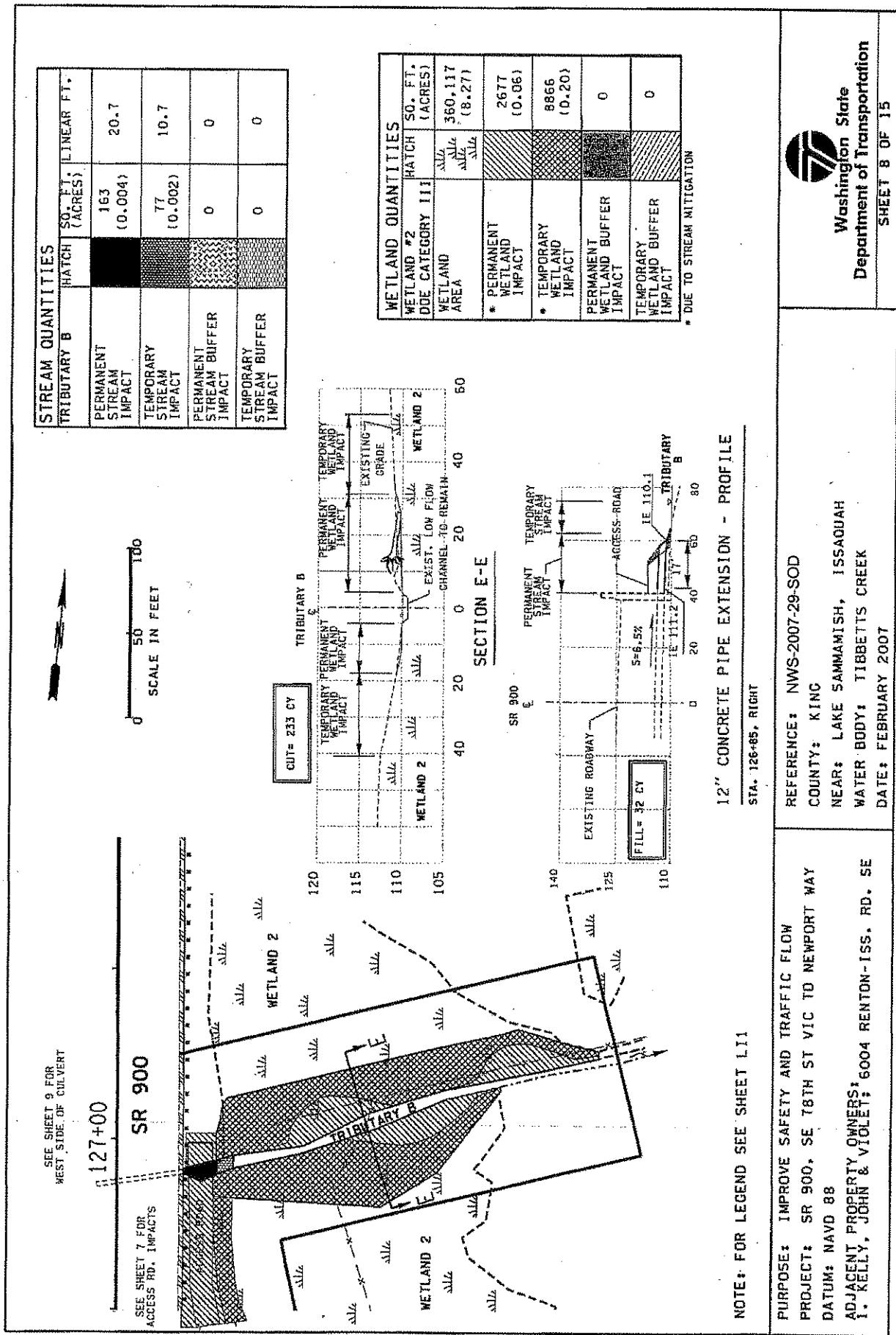
PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW
PROJECT: SR 900. SE 78TH ST VIC TO NEWPORT WAY
DATUM: NAVD 88
ADJACENT PROPERTY OWNERS:
1. HAMPTON; 7303 RENTON-ISSAQAH RD. SE
2. POMMER; 7600 RENTON-ISSAQAH RD. SE
3. JOHN CARLSON; 2100 SE 76TH ST-ISSAQAH RD. SE
4. OLY/INTRA CORP GEN; 7803 RENTON-ISSAQAH RD. SE

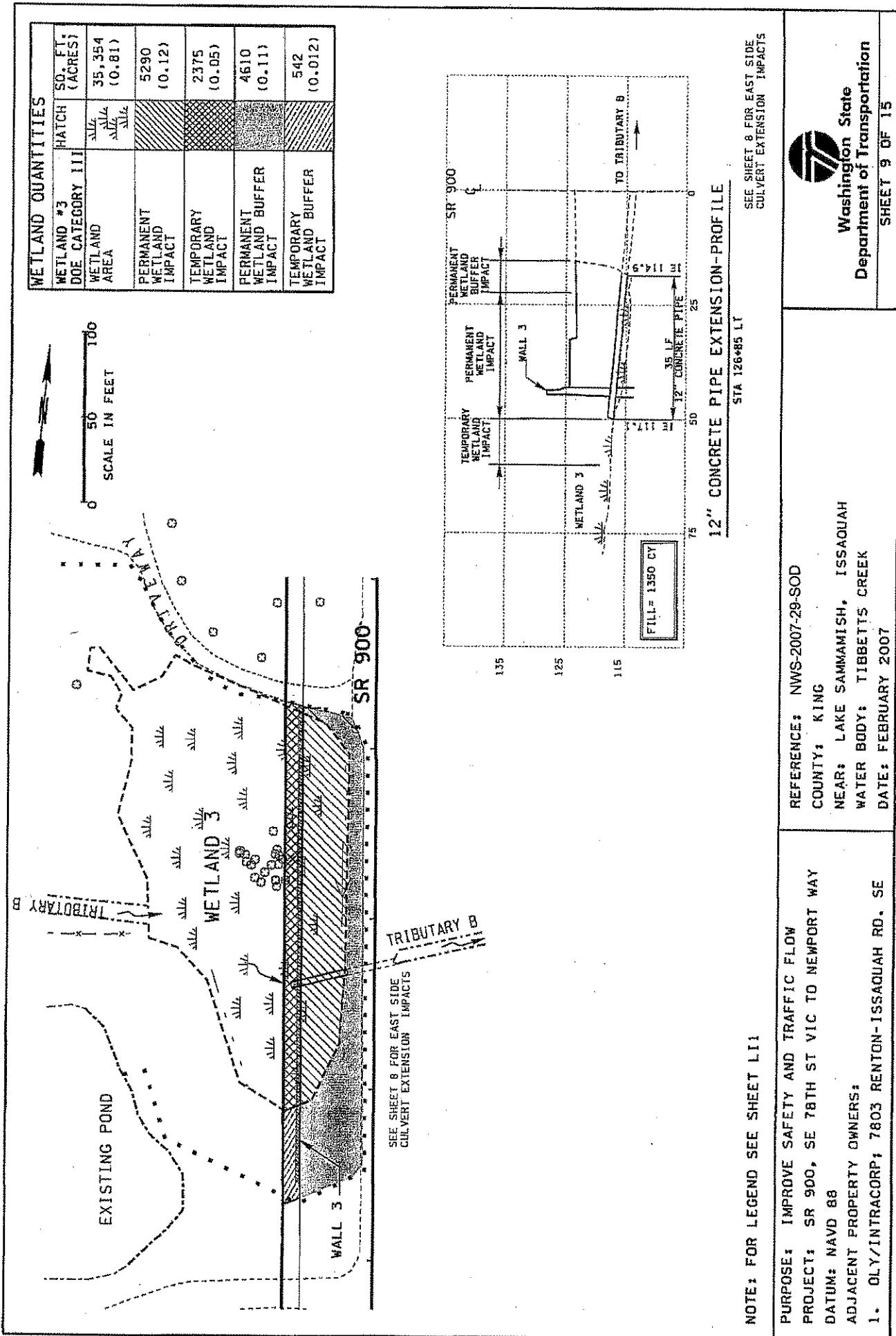
REFERENCE: NWS-2007-29-SOD
COUNTY: KING
NEAR: LAKE SAMMAMISH. ISSAQAH
WATER BODY: TIBBETTS CREEK
DATE: FEBRUARY 2007

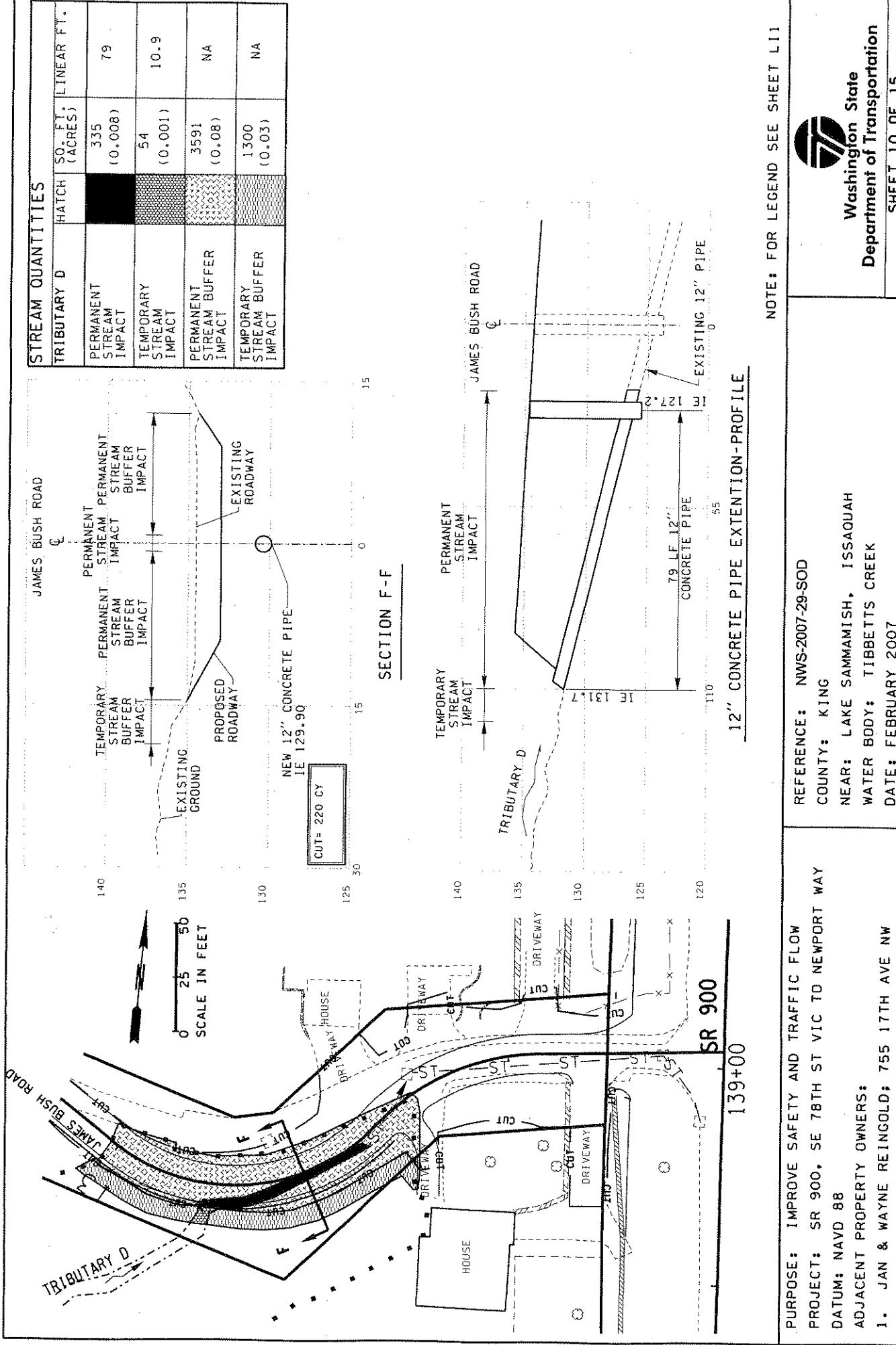
NOTE: FOR LEGEND SEE SHEET L11

Washington State
Department of Transportation
SHEET 6 OF 15

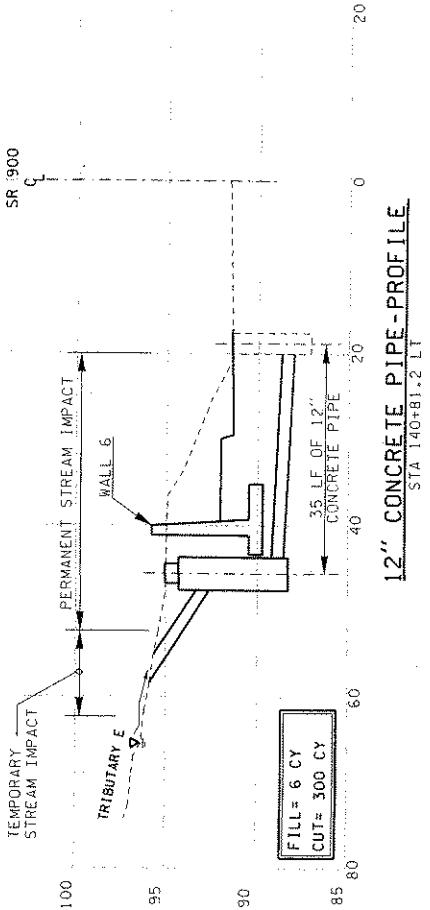
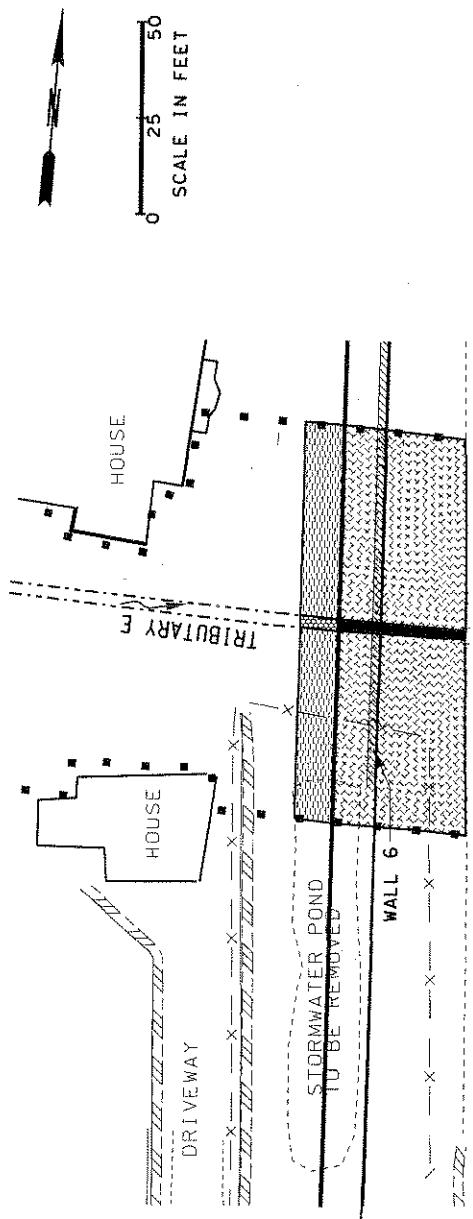








STREAM QUANTITIES			
TRIBUTARY E	HATCH	SO. FT. (ACRES)	LINEAR FT.
PERMANENT STREAM IMPACT		91 (0.002)	32.8
TEMPORARY STREAM IMPACT		32 (0.0007)	10.9
PERMANENT STREAM BUFFER IMPACT		3297 (0.08)	0
TEMPORARY STREAM BUFFER IMPACT		993 (0.02)	0

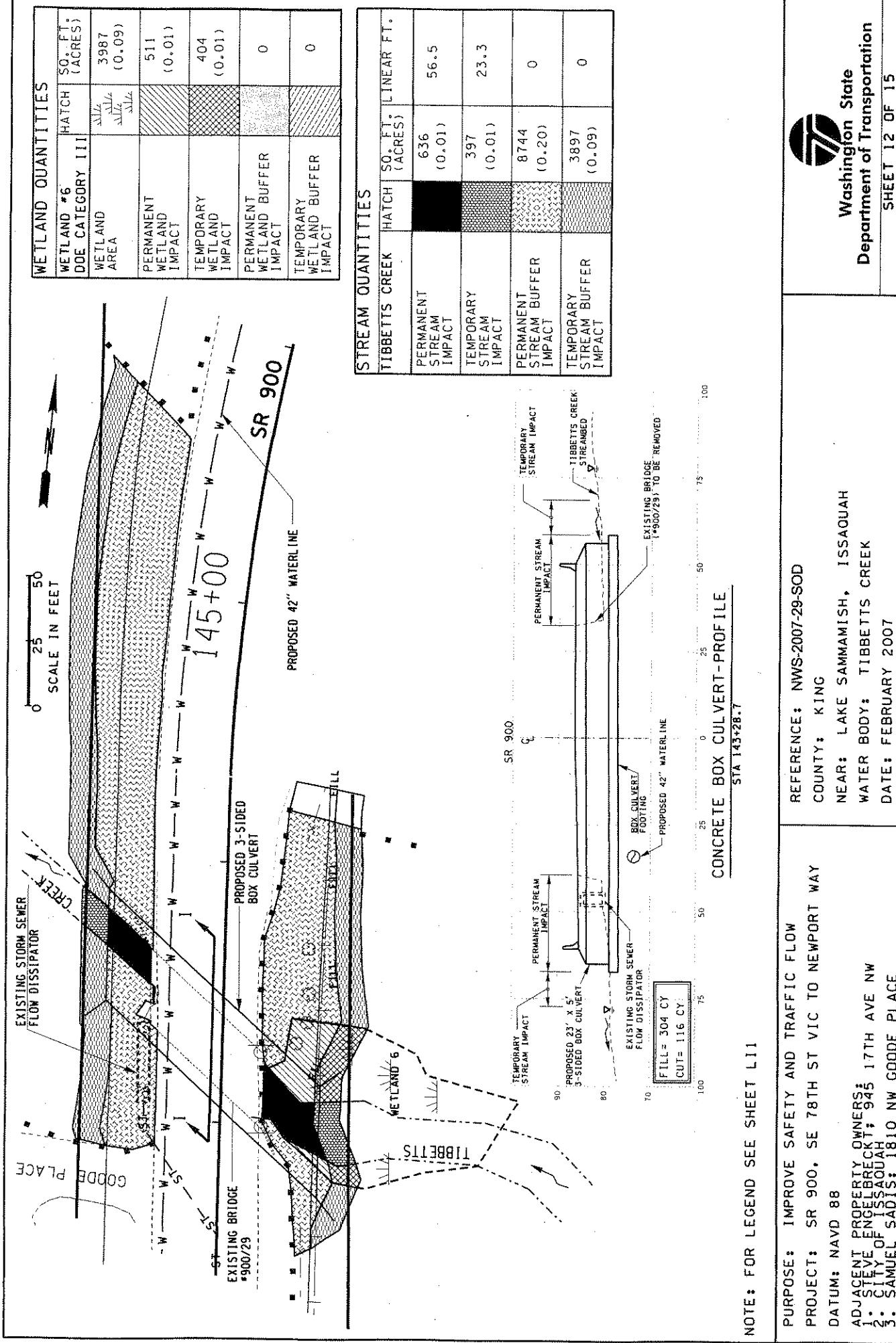


NOTE: FOR LEGEND SEE SHEET L11

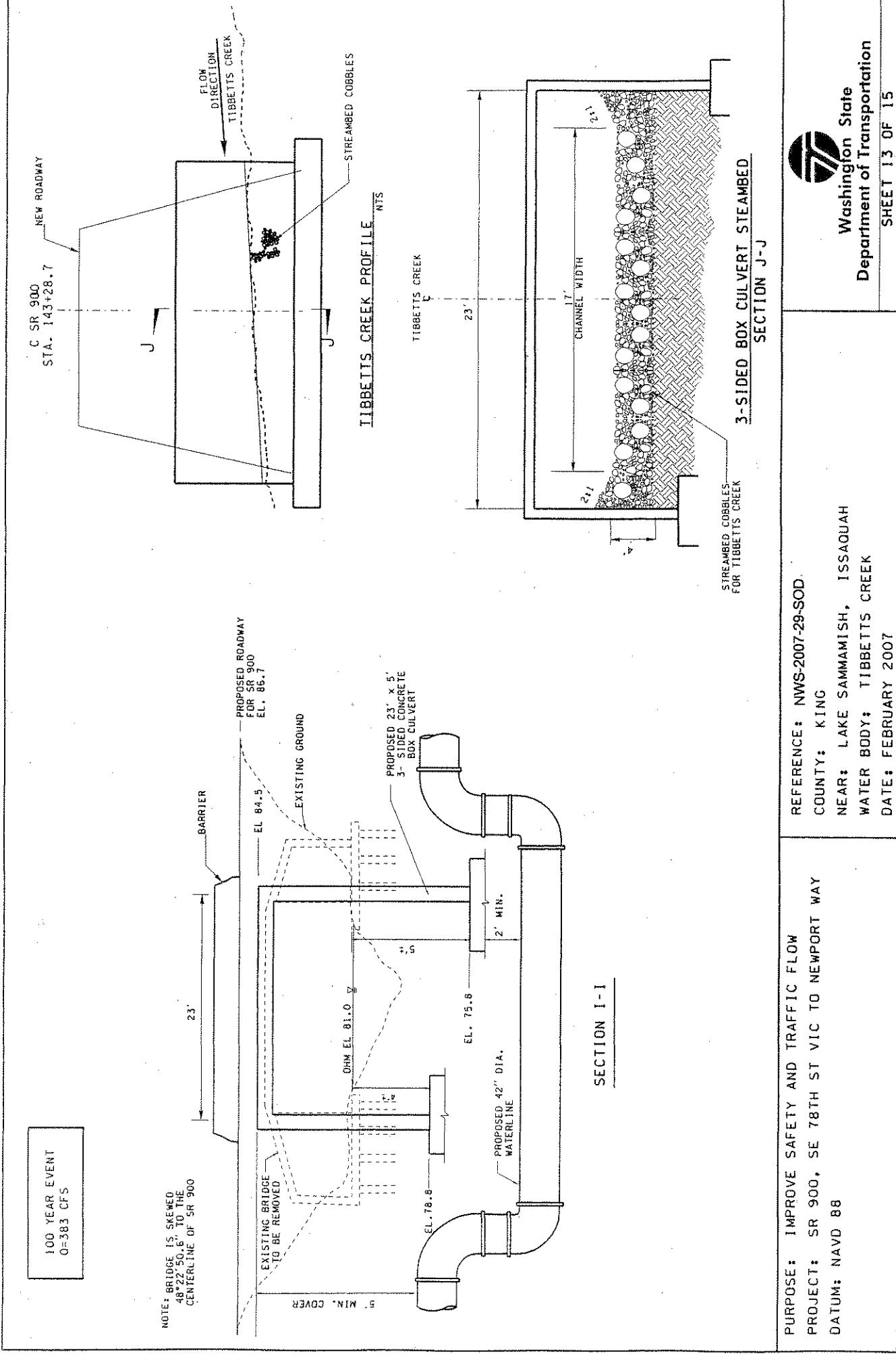
PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW
 PROJECT: SR 900. SE 78TH ST VIC TO NEWPORT WAY
 DATUM: NAVD 88
 ADJACENT PROPERTY OWNERS:
 1: HS GATEKEEPER LLC; 1803 NE GOODE PL.
 2: BRUCE BAIN
 3: LIFE LONG, INC.

REFERENCE: NWS-2007-29-SOD
 COUNTY: KING
 NEAR: LAKE SAMMAMISH, ISSAQAH
 WATER BODY: TIBBETTS CREEK
 DATE: FEBRUARY 2007



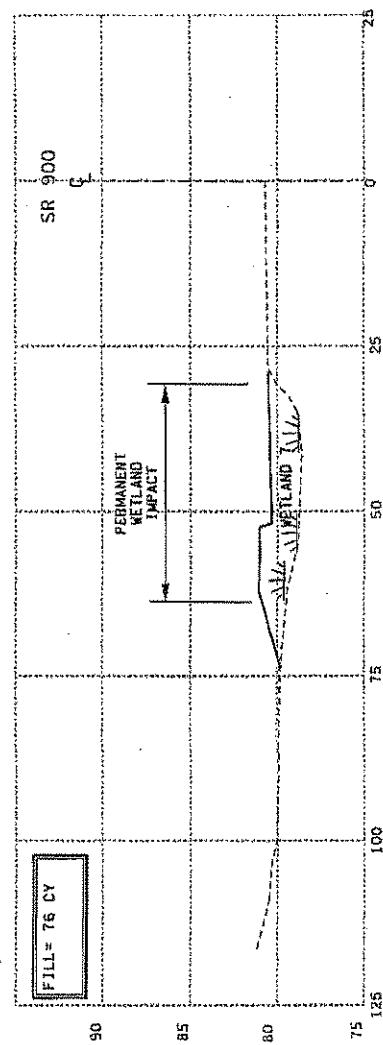
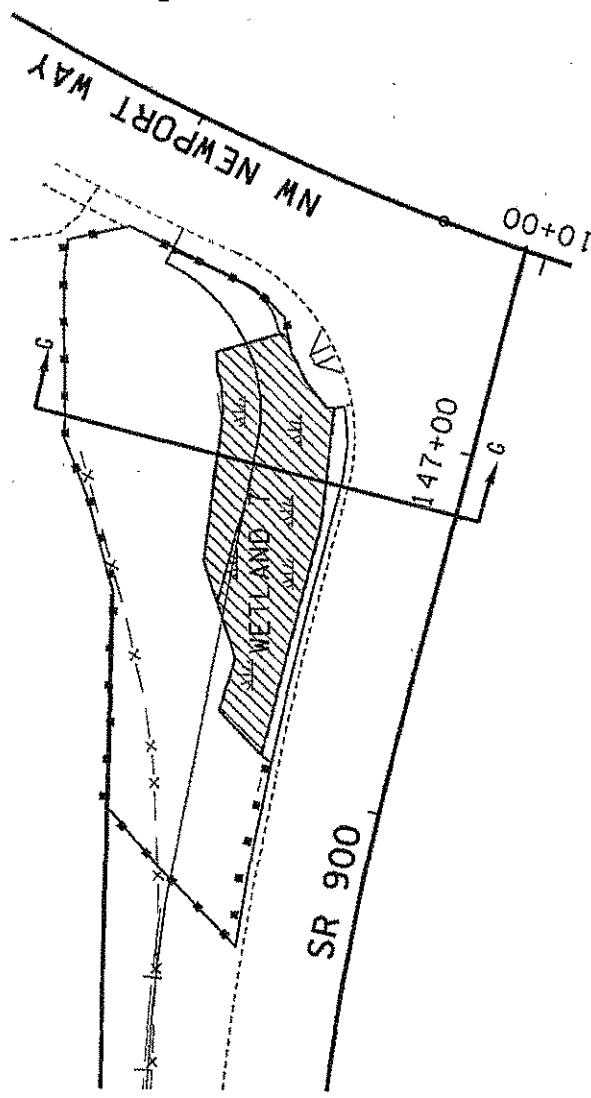


Washington State
Department of Transportation
SHEET 12 OF 15



WETLAND QUANTITIES	
WETLAND #7 DOE CATEGORY III	HATCH SO. FT. (ACRES)
WETLAND AREA	2756 (0.06) ALL ALL
PERMANENT WETLAND IMPACT	2756 (0.06)
TEMPORARY WETLAND IMPACT	0
PERMANENT WETLAND BUFFER IMPACT	0
TEMPORARY WETLAND BUFFER IMPACT	0

SCALE IN FEET
0 25 50



SECTION G-G

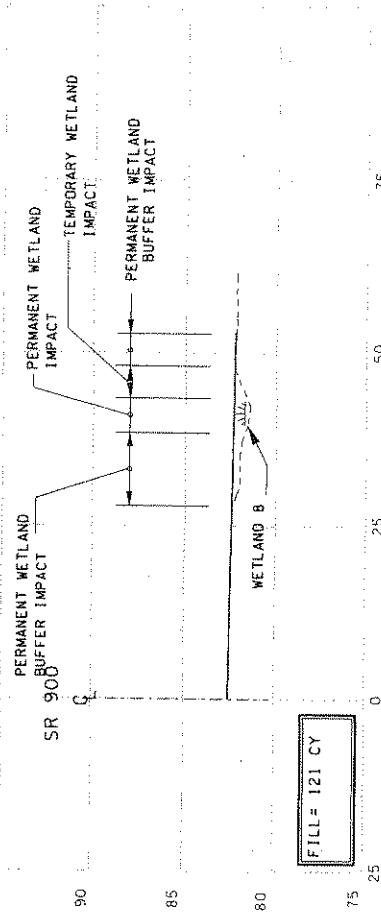
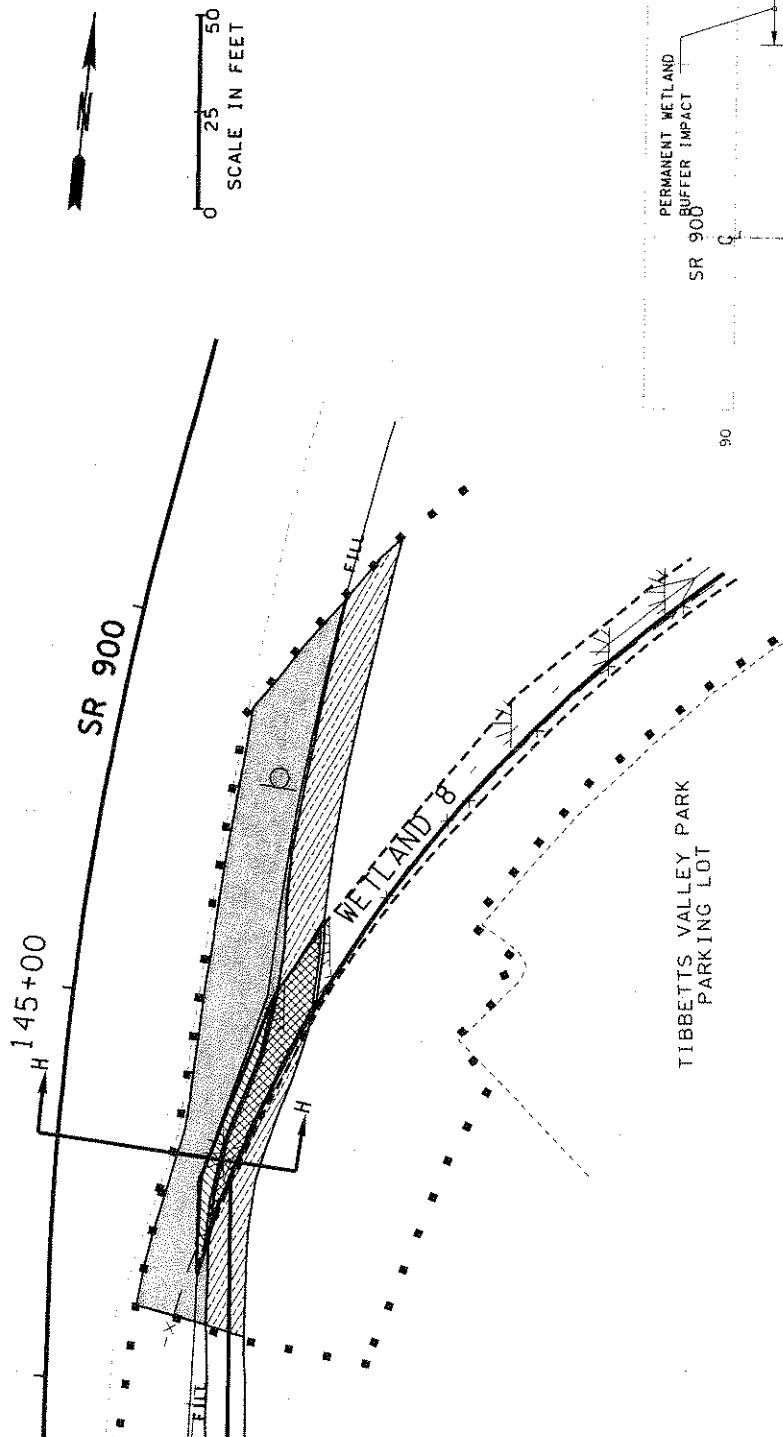
NOTE: FOR LEGEND SEE SHEET L1

PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW
PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY
DATUM: NAVD 88
ADJACENT PROPERTY OWNERS:
1. STEVE ENGELBRECKT; 945 17TH AVE NW

REFERENCE: NWS-2007-29-SOD
COUNTY: KING
NEAR: LAKE SAMMAMISH, ISSAQAH
WATER BODY: TIBBETTS CREEK
DATE: FEBRUARY 2007



WETLAND QUANTITIES			
WETLAND #8 DOE CATEGORY III	HATCH WETLAND AREA	SO. FT. (ACRES)	
	ALL ALL ALL	2628 (0.06)	
PERMANENT WETLAND IMPACT		202 (0.005)	
TEMPORARY WETLAND IMPACT		450 (0.01)	
PERMANENT WETLAND BUFFER IMPACT		2615 (0.06)	
TEMPORARY WETLAND BUFFER IMPACT		1575 (0.04)	



NOTE: FOR LEGEND SEE SHEET 11

PURPOSE: IMPROVE SAFETY AND TRAFFIC FLOW
 PROJECT: SR 900, SE 78TH ST VIC TO NEWPORT WAY
 DATUM: NAVD 88
 ADJACENT PROPERTY OWNERS:
 1. CITY OF ISSAQAH
 REFERENCE: NWS-2007-29-SOD
 COUNTY: KING
 NEAR: LAKE SAMMAMISH.
 WATER BODY: TIBBETTS CREEK
 DATE: FEBRUARY 2007



Washington State
Department of Transportation

EFFECTIVE OF 16